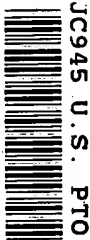


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EL031288600USJC960 U.S. PTO
09/761910

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT APPLICATION

INVENTORS: Chu, Fred; and
Schneider, Kevin W.

CASE: Adtran.2001.01

TITLE: Apparatus, Method And System For Correlated Noise Reduction In A
Trellis Coded Environment

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Specification, Claims and Abstract (46 pages)
12 Informal sheets of drawings
1 Assignment with Cover Sheet
Declaration and Power of Attorney
Information Disclosure Statement (1 page)

CLAIMS AS FILED

The fee has been calculated as shown below:

| Small Entity | | | | | | | Large Entity | |
|----------------------|-----------|-------------|-----------|------------|----------|----|--------------|------------|
| FOR | No. Filed | No. Allowed | No. Extra | Rate | Fee | OR | Rate | Fee |
| Basic Fee | | | | | \$355.00 | OR | | \$710.00 |
| Total Claims | 57 | - 20 = | 37 | x \$9.00 | \$ | OR | x \$18.00 | \$666.00 |
| Independent Claims | 7 | - 3 = | 4 | x \$40.00 | \$ | OR | x \$80.00 | \$320.00 |
| Multiple Dep. Claims | | | | + \$135.00 | \$ | OR | + \$270.00 | \$ |
| Other Fees | | | | \$ | \$ | OR | \$ | \$ |
| TOTAL | | | | | \$ | OR | TOTAL | \$1,696.00 |

Please file the application. A check in the amount of \$1,696.00 is enclosed to cover the filing fee. In the event of non-payment or improper payment of required fee, the Commissioner is authorized to charge or to credit Deposit Account No. 501,262 as may be required to correct the error. Duplicate copies of this letter are enclosed.

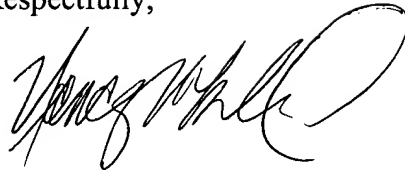
Express Mail No.
EL031288600US

Please address all correspondence to:

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10 South LaSalle Street, Suite 3300
Chicago, Illinois 60603-1002

Telephone calls should be made to me at (312) 372-2920 extension 125.
Faxes should be transmitted to me at (312) 372-7762.

Respectfully,



Nancy R. Gamburd
Registration No. 38,147
Attorney for Applicants

Date: January 17, 2001

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